



**Tripp Lite**  
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## Model #: IBAR12-20ULTRA

### Isobar Surge Suppressor- Rackmount surge, spike and line noise protection

#### Highlights

- 12 outlets (15- and 20-amp)/15 ft. cord
- 1280 joule rating
- All metal housing with LEDs
- Adjustable rackmount hardware
- \$25,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)
- Estimated Retail Pricing: \$220.00



#### Description

Tripp Lite's IBAR12/20ULTRA offers network-grade surge and noise suppression in a versatile all-metal multi-mount cabinet with NEMA 5-20P input plug and 20 amp capacity. Detachable mounting flanges are configurable for rackmount, wallmount and under-counter installation, using only 1 rack space (1U) when installed in any 19 inch EIA standard rack. Features network grade AC surge suppression with EMI/RFI noise filtering. Outlets are arranged in exclusive isolated filter banks to limit noise interaction among connected items. Includes 12 outlets (2 front mounted 15 amp / 10 rear mounted 20 amp), 15 ft AC power cord and guarded power switch to reduce the risk of accidental shutoff. Diagnostic LEDs indicate AC present, line fault and protection status. Lifetime warranty with \$25,000 ultimate lifetime Insurance (USA & Canada Only) coverage .

PLUG/OUTLETS: Input: NEMA 5-20P / Output: 2 NEMA5-15R (front) & 10 NEMA5-20R (rear)

ELECTRICAL: 120V AC, 50/60Hz, 20A (Requires NEMA 5-20R wall receptacle)

SUPPRESSION: AC: 140V RMS Clamping / 1280 joules / 60,000 amps

FORMAT: Supports 19 in. rackmount (uses 1 rack space / 1U), wallmount, under-counter and more

#### Applications

- Ideal for the protection of sensitive electronic equipment in 19 inch rackmount, wallmount and under-counter applications, such as internetworking equipment, PC systems, telecommunications, audio / video, security, sound reinforcement and more

#### Package Includes

- IBAR12/20ULTRA Surge Suppressor
- Warranty information
- Instruction manual

## Features

- Versatile all-metal cabinet with detachable mounting flanges allows rackmount, wallmount, undercounter and other creative mounting options
- Uses one rack space (1U) in standard 19 inch rack ("zero U" mounting possible in many racks)
- 1280 joules / 60,000 amp network-grade AC surge suppression with EMI/RFI filtering
- 12 output receptacles outlets (2 front mounted NEMA 5-15R / 10 rear mounted NEMA 5-20R)
- 15 foot AC cord with NEMA 5-20P straight-in plug connection
- Diagnostic LEDs confirm proper wiring and suppressor operation
- Front panel power switch with snap-in cover prevents accidental turn off
- 20 amp electrical capacity with circuit breaker
- 120VAC, 50/60Hz electrical compatibility
- \$25,000 Ultimate Lifetime Insurance (USA & Canada Only)
- Lifetime product warranty
- \$25,000 Ultimate Lifetime Insurance (USA & Canada only)

## Specifications

<b>OVERVIEW</b>	
Intended Application	Computer Networks
<b>SYSTEM OVERVIEW</b>	
Voltage compatibility	120 VAC
Frequency compatibility	50/60 Hz
<b>OUTPUT</b>	
Output volt amp capacity (amps)	20
Output watts	2400
Outlet quantity / type	12(2 front NEMA 5-15R/ 10 rear NEMA 5-20R)
<b>INPUT</b>	
Input connection type	NEMA 5-20P input plug
Input cord length (ft.)	15 ft.
Input cord length (m)	4.6
Recommended Electrical Service	120V (110-125V)
<b>LEDS ALARMS &amp; SWITCHES</b>	
Diagnostic LEDs	PROTECTION PRESENT (green), LINE FAULT (red) and LINE OK (green)
Switches	Red illuminated power switch controls power to all outlets
Locking switch cover	Transparent locking switch cover prevents accidental shutoff
<b>SURGE / NOISE SUPPRESSION</b>	
Protection modes	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression
AC suppression joule rating	1280 joules
Clamping voltage (RMS)	140V
AC suppression response time	NM = 0 ns. CM =
AC suppression surge current rating	96,000 amps
AC suppression components used	Metal oxide varistors, toroidal balanced chokes and VHF capacitors
Safe thermal fusing	Prevents unsafe conditions during extreme extended overvoltages and catastrophic occurrences

<b>UL1499 let through rating</b>	330V - UL Verified
<b>EMI / RFI filtering</b>	40-80 dB
<b>Immunity</b>	Conforms to IEE 587 / ANSI C62.41
<b>DATALINE SURGE SUPPRESSION</b>	
<b>Telephone/DSL Protection</b>	No
<b>Cable (Coax) Protection</b>	No
<b>Network (Ethernet) Protection</b>	No
<b>PHYSICAL</b>	
<b>Shipping weight (lbs)</b>	6.3
<b>Shipping weight (kg)</b>	2.9
<b>Shipping Dimensions (HWD/in)</b>	2.25 x 20.5 x 9.25
<b>Shipping Dimensions (HWD/cm)</b>	5.7 x 52.1 x 23.5
<b>Unit weight (lbs)</b>	6.3
<b>Unit weight (kg)</b>	2.9
<b>Unit Dimensions (HWD/in)</b>	1.75 x 17.5 x 4
<b>Unit Dimensions (HWD/cm)</b>	4.45 x 44.5 x 10.2
<b>Material of construction</b>	Metal
<b>Form factors supported</b>	1U rackmount, 0U vertical rackmount, wallmount and under-counter mounting supported - detachable flanges can be re-configured to support a variety of additional mounting options
<b>Mounting accessories included</b>	Included mounting flanges are pre-installed for 1U rackmount installation and can be re-configured to support a variety of mounting options
<b>Housing Color</b>	Black
<b>Receptacle Color</b>	Black
<b>AC line cord color</b>	Black
<b>Style</b>	Rack Mount
<b>CERTIFICATIONS</b>	
<b>UL1449 1998 Rev. (AC Suppression)</b>	UL1449 (UR status)
<b>UL1283 (EMI Filter)</b>	UL1283
<b>cUL / CSA (Canada)</b>	cUL
<b>Approvals</b>	Exceeds IEEE 587 category A&B specifications
<b>WARRANTY</b>	
<b>Product Warranty Period</b>	Lifetime
<b>Connected Equipment Coverage</b>	\$25,000

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=3960](http://www.tripplite.com/en/products/model.cfm?txtModelID=3960).

